

13000 GeV pp

 $t\bar{t}$ Extra jets multiplicity(ATLAS semileptonic $t\bar{t}$)

- ATLAS
- Pythia 6.425 350
- -▲- - Pythia 6.425 351
- ...△... Pythia 6.425 353
- -○- - Pythia 6.425 354
- -☆- - Pythia 6.425 355
- ...□... Pythia 6.425 356
- -●- - Pythia 6.425 357
- ...●... Pythia 6.425 358
- -■- - Pythia 6.425 359

 $1 / \sigma d\sigma / dN^{\text{extra-jet}}$ 10
1
 10^{-1} Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

 10^{-2}
2
1
0.52
1
0.5 $N^{\text{extra-jet}}$

2

4